

FIG. 1 is a cross-sectional view of a semiconductor device in accordance with an embodiment of the present invention. The device includes a substrate 10, a gate stack 12, a gate 14, a source/drain region 16, a source/drain contact 18, a source/drain pad 20, a source/drain pad contact 22, a source/drain pad contact 24, a source/drain pad contact 26, a source/drain pad contact 28, a source/drain pad contact 30, a source/drain pad contact 32, a source/drain pad contact 34, a source/drain pad contact 36, a source/drain pad contact 38, a source/drain pad contact 40, a source/drain pad contact 42, a source/drain pad contact 44, a source/drain pad contact 46, a source/drain pad contact 48, a source/drain pad contact 50, a source/drain pad contact 52, a source/drain pad contact 54, a source/drain pad contact 56, a source/drain pad contact 58, a source/drain pad contact 60, a source/drain pad contact 62, a source/drain pad contact 64, a source/drain pad contact 66, a source/drain pad contact 68, a source/drain pad contact 70, a source/drain pad contact 72, a source/drain pad contact 74, a source/drain pad contact 76, a source/drain pad contact 78, a source/drain pad contact 80, a source/drain pad contact 82, a source/drain pad contact 84, a source/drain pad contact 86, a source/drain pad contact 88, a source/drain pad contact 90, a source/drain pad contact 92, a source/drain pad contact 94, a source/drain pad contact 96, a source/drain pad contact 98, a source/drain pad contact 100.

FIG. 1

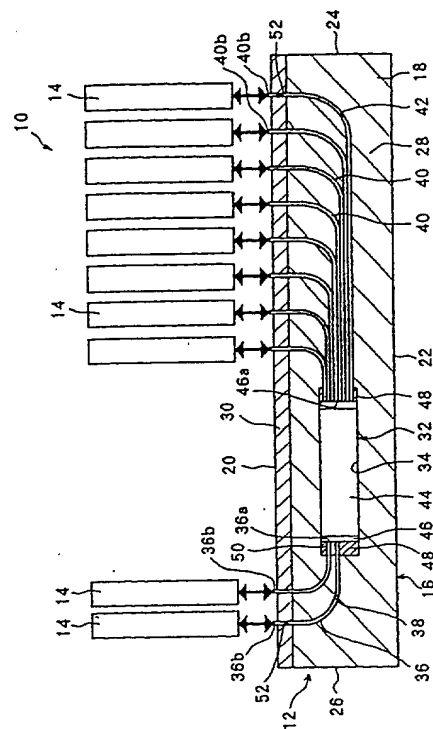


FIG. 2

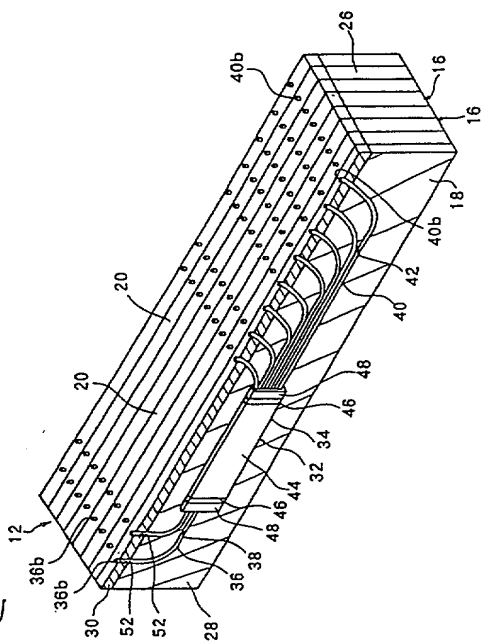
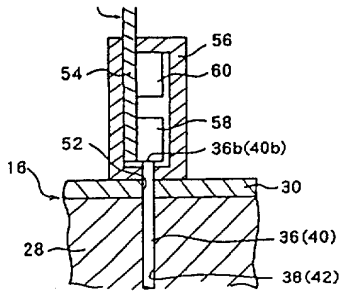


FIG. 3

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FIG. 4

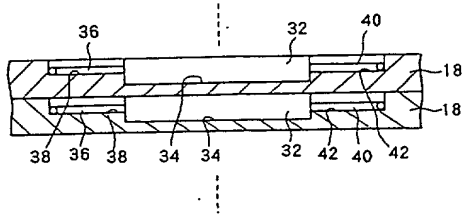


FIG. 5

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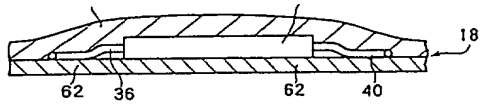


FIG. 5 is a cross-sectional view of the device 10, showing the internal components 18, 36, 40, and 62. The device 10 is shown in a cross-sectional view, with the internal components 18, 36, 40, and 62 visible. The device 10 is shown in a cross-sectional view, with the internal components 18, 36, 40, and 62 visible.

FIG. 6

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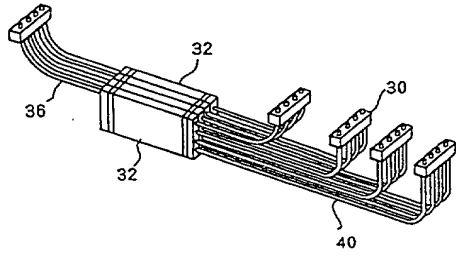


FIG. 6 is a perspective view of a flexible electronic device assembly. The assembly includes a main body 30, which is a flexible strip with a series of conductive traces 40. A connector 32 is attached to one end of the main body 30. A cable 36 is connected to the connector 32. The main body 30 has a series of conductive traces 40 that are exposed at the other end. The assembly is shown in a bent configuration, indicating its flexibility.

FIG. 7

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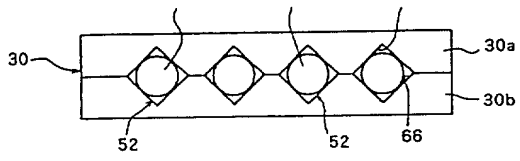


FIG. 7 is a schematic diagram of a segmented strip assembly. The assembly consists of a series of four diamond-shaped segments connected in a chain. The entire chain is enclosed within a rectangular frame. The left end of the frame is labeled 30. The top and bottom horizontal sections of the frame are labeled 30a and 30b, respectively. The diamond segments are labeled 52. The rightmost end of the frame is labeled 66.

FIG. 8

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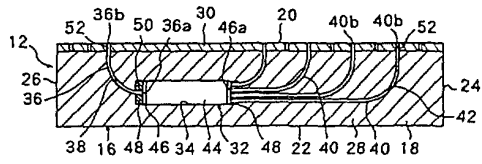
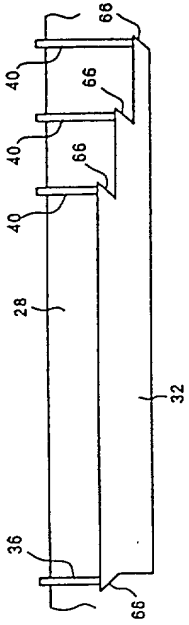




FIG. 9 is a perspective view of the device 100 in a closed position. The device 100 includes a main body 102, a handle 104, and a latch 106. The handle 104 is connected to the main body 102 and is used to operate the latch 106. The latch 106 is used to lock the device 100 in a closed position. The device 100 is shown in a perspective view, and the components are labeled with reference numerals.

FIG. 9

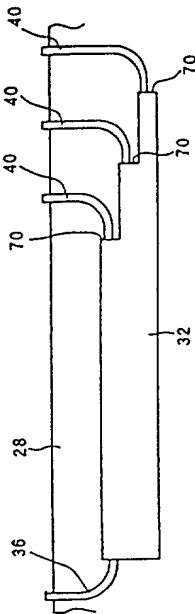


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[illegible][illegible]

FIG. 11 is a perspective view of the device 100 in a closed position, showing the housing 10, the lid 20, and the handle 30. The handle 30 is shown in a folded position against the lid 20. The device 100 is shown in a closed position, with the lid 20 covering the opening of the housing 10. The handle 30 is shown in a folded position against the lid 20. The device 100 is shown in a closed position, with the lid 20 covering the opening of the housing 10. The handle 30 is shown in a folded position against the lid 20.

FIG. 11



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FIG. 12

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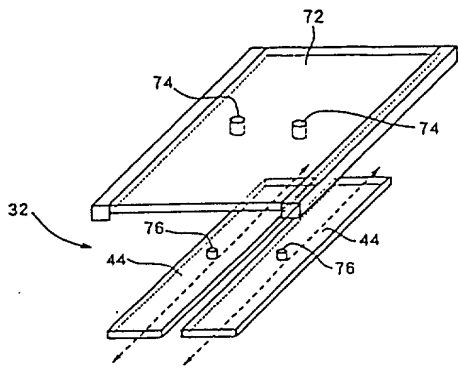


FIG. 12 is a perspective view of a mechanical assembly 32. The assembly includes a rectangular frame 72 with side rails 74. Two parallel elongated members 44 are positioned below the frame. Each member 44 has a central opening 76. The members 44 are connected to the frame 72 by two small cylindrical components 74. Dashed lines indicate the alignment and movement of the members 44 relative to the frame 72.

FIG. 13

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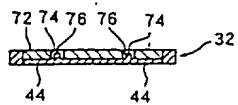


FIG. 13

FIG.-14

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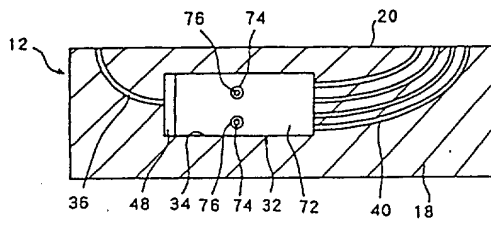


FIG. 14 is a cross-sectional view of a device 10, showing a housing 12 and a central component 20. The housing 12 includes a semi-circular feature 18 and a series of curved lines 18. The central component 20 has two circular features 74 and 76 on its top surface. The bottom of the housing 12 is labeled 36, the top is 48, the left side is 34, and the right side is 40. The bottom of the central component 20 is labeled 32, and the top is 72.

FIG. 15

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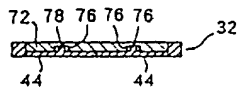


FIG. 16

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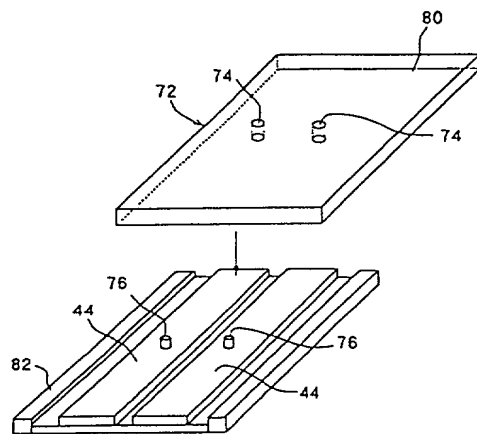


FIG. 16 is a perspective view of a frame assembly in an exploded view, showing a frame (72, 74, 80) and a base (44, 76, 82).



FIG. 17

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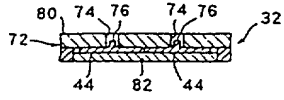


FIG. 17

FIG. 18

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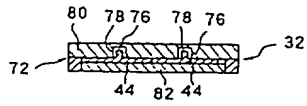


FIG. 18 is a cross-sectional view of a device 100. The device 100 includes a substrate 102, a first layer 104, a second layer 106, a third layer 108, a fourth layer 110, a fifth layer 112, a sixth layer 114, a seventh layer 116, an eighth layer 118, a ninth layer 120, a tenth layer 122, an eleventh layer 124, a twelfth layer 126, a thirteenth layer 128, a fourteenth layer 130, a fifteenth layer 132, a sixteenth layer 134, a seventeenth layer 136, an eighteenth layer 138, a nineteenth layer 140, a twentieth layer 142, a twenty-first layer 144, a twenty-second layer 146, a twenty-third layer 148, a twenty-fourth layer 150, a twenty-fifth layer 152, a twenty-sixth layer 154, a twenty-seventh layer 156, a twenty-eighth layer 158, a twenty-ninth layer 160, a thirtieth layer 162, a thirty-first layer 164, a thirty-second layer 166, a thirty-third layer 168, a thirty-fourth layer 170, a thirty-fifth layer 172, a thirty-sixth layer 174, a thirty-seventh layer 176, a thirty-eighth layer 178, a thirty-ninth layer 180, a fortieth layer 182, a forty-first layer 184, a forty-second layer 186, a forty-third layer 188, a forty-fourth layer 190, a forty-fifth layer 192, a forty-sixth layer 194, a forty-seventh layer 196, a forty-eighth layer 198, a forty-ninth layer 200, a fiftieth layer 202, a fifty-first layer 204, a fifty-second layer 206, a fifty-third layer 208, a fifty-fourth layer 210, a fifty-fifth layer 212, a fifty-sixth layer 214, a fifty-seventh layer 216, a fifty-eighth layer 218, a fifty-ninth layer 220, a sixtieth layer 222, a sixty-first layer 224, a sixty-second layer 226, a sixty-third layer 228, a sixty-fourth layer 230, a sixty-fifth layer 232, a sixty-sixth layer 234, a sixty-seventh layer 236, a sixty-eighth layer 238, a sixty-ninth layer 240, a seventieth layer 242, a seventy-first layer 244, a seventy-second layer 246, a seventy-third layer 248, a seventy-fourth layer 250, a seventy-fifth layer 252, a seventy-sixth layer 254, a seventy-seventh layer 256, a seventy-eighth layer 258, a seventy-ninth layer 260, an eightieth layer 262, an eighty-first layer 264, an eighty-second layer 266, an eighty-third layer 268, an eighty-fourth layer 270, an eighty-fifth layer 272, an eighty-sixth layer 274, an eighty-seventh layer 276, an eighty-eighth layer 278, an eighty-ninth layer 280, a ninetieth layer 282, a ninety-first layer 284, a ninety-second layer 286, a ninety-third layer 288, a ninety-fourth layer 290, a ninety-fifth layer 292, a ninety-sixth layer 294, a ninety-seventh layer 296, a ninety-eighth layer 298, a ninety-ninth layer 300, a hundredth layer 302, a hundred-first layer 304, a hundred-second layer 306, a hundred-third layer 308, a hundred-fourth layer 310, a hundred-fifth layer 312, a hundred-sixth layer 314, a hundred-seventh layer 316, a hundred-eighth layer 318, a hundred-ninth layer 320, a hundred-tenth layer 322, a hundred-eleventh layer 324, a hundred-twelfth layer 326, a hundred-thirteenth layer 328, a hundred-fourteenth layer 330, a hundred-fifteenth layer 332, a hundred-sixteenth layer 334, a hundred-seventeenth layer 336, a hundred-eighteenth layer 338, a hundred-nineteenth layer 340, a hundred-twentieth layer 342, a hundred-twenty-first layer 344, a hundred-twenty-second layer 346, a hundred-twenty-third layer 348, a hundred-twenty-fourth layer 350, a hundred-twenty-fifth layer 352, a hundred-twenty-sixth layer 354, a hundred-twenty-seventh layer 356, a hundred-twenty-eighth layer 358, a hundred-twenty-ninth layer 360, a hundred-thirtieth layer 362, a hundred-thirty-first layer 364, a hundred-thirty-second layer 366, a hundred-thirty-third layer 368, a hundred-thirty-fourth layer 370, a hundred-thirty-fifth layer 372, a hundred-thirty-sixth layer 374, a hundred-thirty-seventh layer 376, a hundred-thirty-eighth layer 378, a hundred-thirty-ninth layer 380, a hundred-fortieth layer 382, a hundred-forty-first layer 384, a hundred-forty-second layer 386, a hundred-forty-third layer 388, a hundred-forty-fourth layer 390, a hundred-forty-fifth layer 392, a hundred-forty-sixth layer 394, a hundred-forty-seventh layer 396, a hundred-forty-eighth layer 398, a hundred-forty-ninth layer 400, a hundred-fiftieth layer 402, a hundred-fifty-first layer 404, a hundred-fifty-second layer 406, a hundred-fifty-third layer 408, a hundred-fifty-fourth layer 410, a hundred-fifty-fifth layer 412, a hundred-fifty-sixth layer 414, a hundred-fifty-seventh layer 416, a hundred-fifty-eighth layer 418, a hundred-fifty-ninth layer 420, a hundred-sixtieth layer 422, a hundred-sixty-first layer 424, a hundred-sixty-second layer 426, a hundred-sixty-third layer 428, a hundred-sixty-fourth layer 430, a hundred-sixty-fifth layer 432, a hundred-sixty-sixth layer 434, a hundred-sixty-seventh layer 436, a hundred-sixty-eighth layer 438, a hundred-sixty-ninth layer 440, a hundred-seventieth layer 442, a hundred-seventy-first layer 444, a hundred-seventy-second layer 446, a hundred-seventy-third layer 448, a hundred-seventy-fourth layer 450, a 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five-hundred-fourth layer 510, a five-hundred-fifth layer 512, a five-hundred-sixth layer 514, a five-hundred-seventh layer 516, a five-hundred-eighth layer 518, a five-hundred-ninth layer 520, a five-hundred-tenth layer 522, a five-hundred-eleventh layer 524, a five-hundred-twelfth layer 526, a five-hundred-thirteenth layer 528, a five-hundred-fourteenth layer 530, a five-hundred-fifteenth layer 532, a five-hundred-sixteenth layer 534, a five-hundred-seventeenth layer 536, a five-hundred-eighteenth layer 538, a five-hundred-nineteenth layer 540, a five-hundred-twentieth layer 542, a five-hundred-twenty-first layer 544, a five-hundred-twenty-second layer 546, a five-hundred-twenty-third layer 548, a five-hundred-twenty-fourth layer 550, a five-hundred-twenty-fifth layer 552, a five-hundred-twenty-sixth layer 554, a five-hundred-twenty-seventh layer 556, a five-hundred-twenty-eighth layer 558, a five-hundred-twenty-ninth layer 560, a five-hundred-thirtieth layer 562, a 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layer 928, a two-thousand-fourteenth layer 930, a two-thousand-fifteenth layer 932, a two-thousand-sixteenth layer 934, a two-thousand-seventeenth layer 936, a two-thousand-eighteenth layer 938, a two-thousand-nineteenth layer 940, a two-thousand-twentieth layer 942, a two-thousand-twenty-first layer 944, a two-thousand-twenty-second layer 946, a two-thousand-twenty-third layer 948, a two-thousand-twenty-fourth layer 950, a two-thousand-twenty-fifth layer 952, a two-thousand-twenty-sixth layer 954, a two-thousand-twenty-seventh layer 956, a two-thousand-twenty-eighth layer 958, a two-thousand-twenty-ninth layer 960, a two-thousand-thirtieth layer 962, a two-thousand-thirty-first layer 964, a two-thousand-thirty-second layer 966, a two-thousand-thirty-third layer 968, a two-thousand-thirty-fourth layer 970, a two-thousand-thirty-fifth layer 972, a two-thousand-thirty-sixth layer 974, a two-thousand-thirty-seventh layer 976, a two-thousand-thirty-eighth layer 978, a two-thousand-thirty-ninth layer 980, a two-thousand-fortieth layer 982, a two-thousand-forty-first layer 984, a two-thousand-forty-second layer 986, a two-thousand-forty-third layer 988, a two-thousand-forty-fourth layer 990, a two-thousand-forty-fifth layer 992, a two-thousand-forty-sixth layer 994, a two-thousand-forty-seventh layer 996, a two-thousand-forty-eighth layer 998, a two-thousand-forty-ninth layer 1000.

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FIG. 19

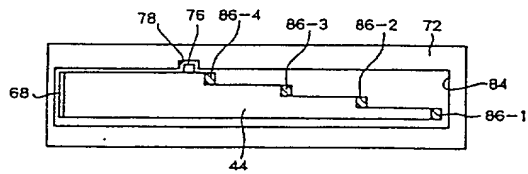


FIG. 20

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